

Performance Data for Comfort Ti-AC®

Dual Glazed Comfort Ti-AC® (Surface #2)

Glass Thickness	Air Space Thickness	Emissivity (Coated Surface)	U-Factor				Transmittance (%)			Shading Coefficient		Solar Heat Gain Coefficient
			Winter		Summer		UV	Visible	Solar	Air	Argon	
			Air	Argon	Air	Argon						
SS	1/4	.04	.42	.33	.44	.35	31	63	38	.47	.47	.41
SS	1/2	.04	.30	.24	.29	.22	31	63	38	.47	.47	.40
1/8	1/4	.04	.42	.33	.44	.35	29	62	36	.47	.46	.40
1/8	1/2	.04	.29	.24	.29	.22	29	62	36	.46	.46	.39
3/16	1/4	.04	.41	.32	.44	.35	25	59	34	.45	.44	.38
3/16	1/2	.04	.29	.24	.29	.22	25	59	34	.44	.43	.38
1/4	1/4	.04	.41	.32	.44	.35	25	58	32	.44	.43	.38
1/4	1/2	.04	.29	.24	.29	.22	25	58	32	.43	.43	.37

Data Collected by Customer Technical Services. LBL Window 4.1 Program. Center of Glass Values.
 *Note: All Calculations reflect coating on surface #2.

Dual Glazed Comfort Ti-AC® on 6mm Tint Substrates (Surface #2)

Glass Color	Air Space Thickness	Reflectance				U-Factor				Transmittance (%)			Shading Coefficient (air)	Solar Heat Gain Coefficient	Relative Heat Gain
		Visible		Solar		Winter		Summer		UV	Visible	Solar			
		RF (#1)	RB (#2)	RF (#1)	RB (#2)	Air	Argon	Air	Argon						
Bronze	1/2	14	21	16	37	.29	.24	.30	.30	NA	35	17	.29	.25	61
Gray	1/2	11	21	14	37	.29	.24	.30	.30	NA	30	16	.27	.23	57
Blue	1/2	14	22	14	37	.29	.24	.30	.25	NA	36	18	.29	.25	63
Green	1/2	23	22	13	37	.29	.24	.30	.24	NA	50	20	.32	.28	69

Data Collected by Customer Technical Services using LBL Window 4.1 Program. Center of Glass Values.
 *Note: All Calculations reflect coating on surface #2.
 Comfort Ti-AC on Tinted outboard - Clear inboard.

Dual Glazed 6mm Comfort Ti-AC® (Surface #3) with 6mm Tint Substrates

Glass Color	Air Space Thickness	Reflectance				U-Factor				Transmittance (%)			Shading Coefficient (air)	Solar Heat Gain Coefficient	Relative Heat Gain
		Visible		Solar		Winter		Summer		UV	Visible	Solar			
		RF (#1)	RB (#2)	RF (#1)	RB (#2)	Air	Argon	Air	Argon						
Bronze	1/2	11	28	16	35	.29	.24	.30	.24	10	36	19	.34	.29	72
Gray	1/2	9	28	14	35	.29	.24	.30	.24	11	30	17	.31	.27	67
Blue	1/2	12	28	15	35	.29	.24	.30	.24	14	37	20	.35	.30	74
Green	1/2	18	28	14	35	.29	.24	.30	.24	13	51	22	.37	.32	79

Data Collected by Customer Technical Services using LBL Window 4.1 Program. Center of Glass Values.
 *Note: All Calculations reflect coating on surface #3.
 Tinted outboard - Comfort Ti-AC on Clear inboard.

